# User Manual

KABA

E-Flash EF220

※ The functions and design of this product can be changed without notice for quality improvement.

Overview
Specifications
Identification of Product
Before Getting Started
Standard Mode
Supervisor Mode
Fingerprints Registration List
Cautions
Options

**Please read the following before using Kaba E-Flash products**

- This product is designed and manufactured to assure personal safety. Improper use can result in personal damage or property loss. Please observe the procedures for installation, use and servicing.
- The Kaba E-Flash is a precision electronic device. All safety and operating instructions should be read before the product is operated.
- This product is designed to be used in indoor and weather-protected outdoor areas.
- Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged or should be re-installed.
- Check your installation conditions with the local service provider before installation as your door prep might be different from the standard this lock conforms with.
- The product's warranty does not cover defects or damages arising from door defects, improper installation, lack of or improper maintenance, improper storage, shipping and handling, ordinary wear and tear, misuse, abuse, accident, unauthorised service or use with unauthorised service parts.
- Disassembly, rework and reverse engineering are prohibited without a written approval from Kaba except for normal installation of the product.
- The trademarks, trade names, designs, copyright, patents and other proprietary right used on or embodied in the product and this manual shall remain the exclusive property of the manufacturer, cannot be copied or used in any form unless otherwise authorised in writing by Kaba.
- The information in this manual is subject to change without notice.

## ⚠ *Caution*

There is a possibility that the sensor cannot read the fingerprints of children in a growth period or some users with unusual fingerprints. Fingerprint recognition ratio can be different depending on the installation circumstances and seasonal influence.

# IMPORTANT SAFETY INSTRUCTIONS

Please read the following safety instructions to prevent any accident, property damage and inconvenience. Children should be well educated in the operation procedure before use. Keep this manual in a convenient place so that you can refer to it when necessary.

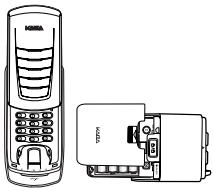
***Caution*** must be followed to protect yourself and your property.

Note explains product functions and features.

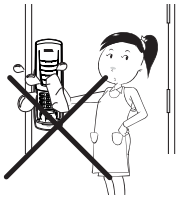
prohibited

must observe

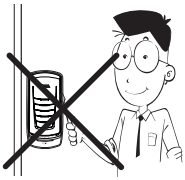
The Kaba E-Flash digital door lock is an precision electronic device.



Clean only with a dry cloth. Do not use water as it can cause damage to the electronic circuit.



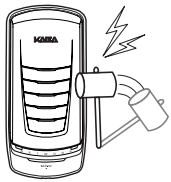
Do not attempt to disassemble the unit by yourself as it can cause an electronic shock and product damage.



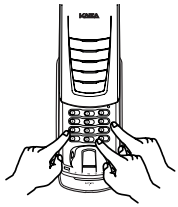
When you move contact your local service personnel for re-installation. Check the service charge with your service provider.

## Caution

Do not use an inappropriate tool that may cause damage to or malfunction of the product.

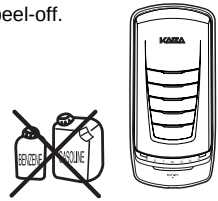


Handle the unit with care. Excessive force or careless handling may cause product damage.



Be careful not to let an unauthorised user know of your security code. Change your code periodically.

Do not use water or any type of solvent such as gasoline or benzene as they can cause damage to electronic circuit, deterioration and paint peel-off.




Keep a fingerprint scanning sensor clean. Dust off dirt smoothly with a soft cloth.

Children's fingerprints or some fingerprints can be difficult to be recognized.
Installation circumstance or seasonal factors possibly influence fingerprint recognition.

Take care not to injure your fingers when lifting the keypad cover up and down.

# CONTENTS


1 Overview ..... 06

2 Specifications ..... 07

3 Identification of Product ..... 08

4 Before Getting Started ..... 10

5 Standard Mode

01. Registering Security Code ..... 12
02. Registering Fingerprint ..... 13
03. Locking the door from the Inside ..... 14
04. Unlocking the door from the Inside ..... 14
05. Locking the door from the Outside ..... 15
06. Unlocking the door from the Outside ..... 16
07. Automatic / Manual Lock Mode ..... 19
08. Externally Activated Forced Lock ..... 20
09. Internally Activated Forced Lock ..... 22
10. Using Manual Knob in Emergency ..... 24
11. Setting Etiquette Mode ..... 25
12. Break-in / Damage Alarm ..... 26
13. Wrong-try Lock-out (3min.) ..... 28

6 Supervisor Mode

01. Switching to Supervisor Mode ..... 29
02. Registering Security Code ..... 29
03. Registering / Deleting Fingerprint ..... 30
04. Unlocking the door with Security Code ..... 30
05. Unlocking the door with Fingerprint ..... 30
06. Externally Activated Forced Lock ..... 31
07. Etiquette Mode ..... 31
08. Setting Alarm Length ..... 31

7 Fingerprints Registration List (Supervisor Mode Only) ..... 32

8 Cautions ..... 34

9 Options

01. Remote Control Module ..... 36
02. Remote Control ..... 37

# Overview

■ **Fingerprint identification for keyless access**
The fingerprint recognition system reads individual unique fingerprints so that there is no risk of losing keys, fraudulent use or hacking.

■ **Scanning method fingerprint recognition sensor**
The reliable scanning method fingerprint recognition engine reduces the problem of fingerprint remains and errors.

■ **Security level setting - Supervisor mode**
You can reinforce the security level by setting it in supervisor mode. Supervisor mode supports individual access control by assigning individual fingerprint numbers.

■ **Easy and simple operation**
One-touch operation allows every user including children and seniors, the simplest use for easy operation.

■ **Automatic locking**
Just closing the door will automatically lock the door. Manual operation is also available.

■ **Break-in/Damage alarm**
80dB alarm will go off if anyone attempts to damage the lock or forces the door open.

■ **Self-checking**
It checks the system status and alerts the user in case of malfunction or low battery power.

■ **Etiquette mode**
When you set on this etiqutte mode no sound is made in a normal operation. The break-in alarm still operates even if the etiqutte mode is on.

■ **Alarm length setting**
You can set how long the break-in alarm will sound to suit your preferences.

■ **Forced lock mode**
Internal activation of the Force Lock mode blocks all entry from outside. External activation of the Force Lock mode disables the open/close button - using the manual unlock knob to exit from the inside will sound the alarm.

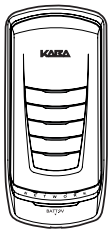
# Specifications



| | | Specifications | Remarks |
|---|---|---|---|
| Front Body (External) | | 41mm(D) x 80mm(W) x170mm(H)<br>Die cast zinc | Operating temperature : -15 ~ 55℃ |
| Back Body (Internal) | | 42mm(D) x 162mm(W) x90mm(H)<br>Die cast zinc | |
| Striker | | 1 X with screw packs | |
| Battery | | 4 X 1.5V AA alkaline batteries | Lasts up to 1 year (assuming product is used 10 times a day) |
| Option | Remote Control & Remote Control Module | Wireless | Sold separately |

※ Battery life may vary depending on temperature, moisture levels, frequency of use and the quality of the batteries.
※ Please make sure that all parts are included when purchasing the product.
※ Optional products may not be available depending on your country or local dealer.

## ■Basic Contents


Front Body(External)

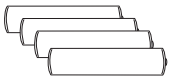
Back Body(Internal)

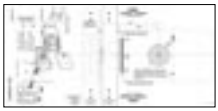
Striker

Sub Bracket

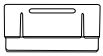
User Manual

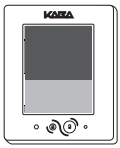
Screws


Batteries


Installation Template

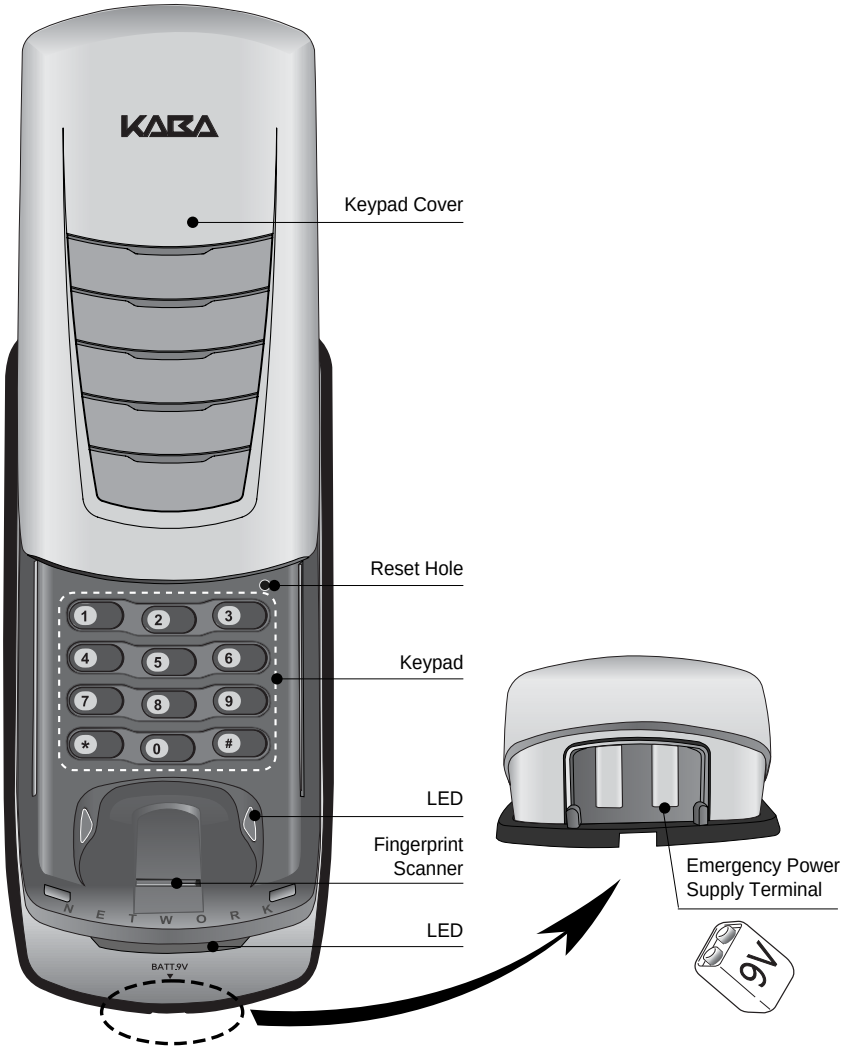
## ■Optional Products


Remote Control Module

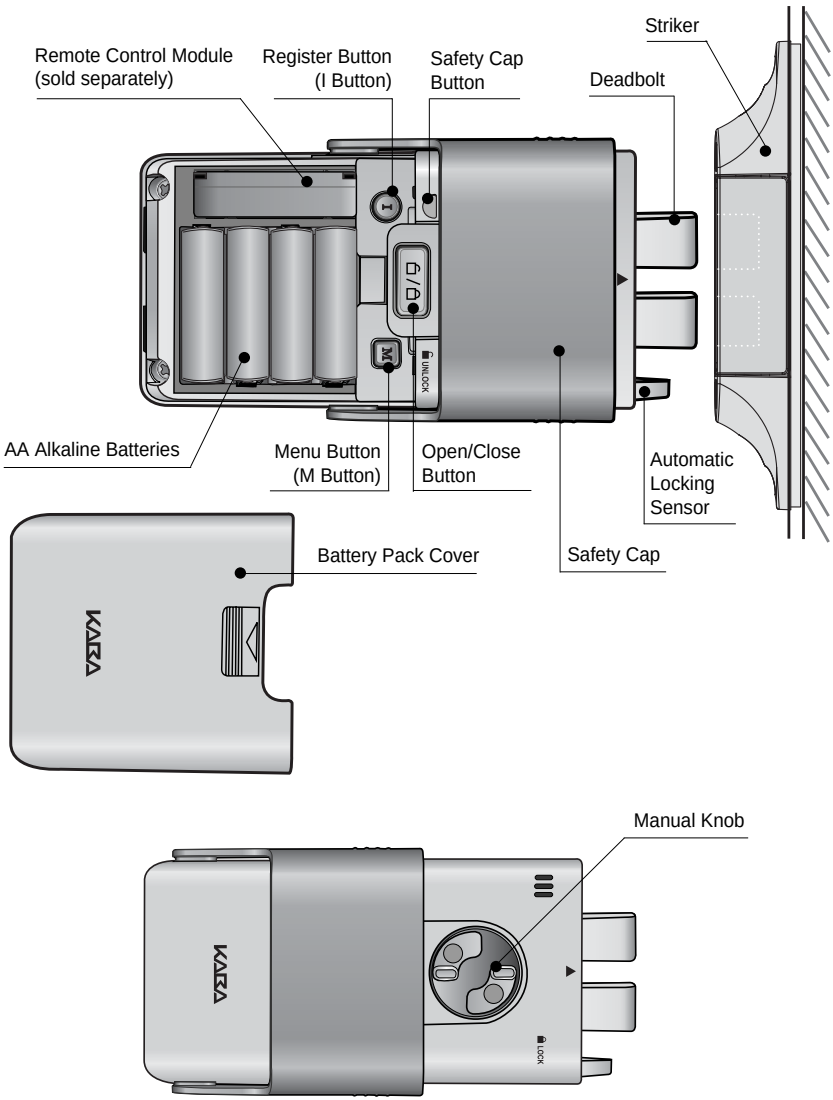

Remote Control

# 3 Identification of Product

## 01 | Front Body (Install on the outside of the door)



## 02 | Back Body (Install on the inside of the door)



# 4 Before Getting Started

The EF220 can be set on Standard Mode or Supervisor Mode for higher security, depending on your access control needs. Standard Mode is the factory default setting. Standard Mode is a factory default setting.

**Standard Mode**

All users must register and delete their fingerprints at the same time. Fingerprint re-registration automatically deletes all fingerprints registered before. Up to 40 fingerprints can be registered.

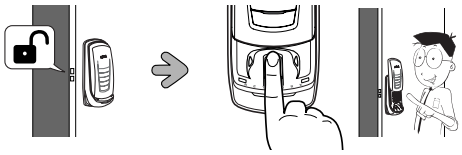
**Supervisor Mode**

Users must register their fingerprints individually and it is possible to delete both an individual fingerprint and all of the registered fingerprints.

| | Standard | Supervisor |
|---|---|---|
| Recommended Users | Up to 40 users | 10 to 40 users |
| Fingerprints | Up to 40 | |
| Register/Delete | Mass register / Mass delete | Individual register / Individual delete / Mass delete |
| Access Method | Security code or fingerprint | |

## ⚠ Caution

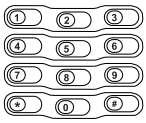
- There is a possibility that fingerprints of children in a growth period or some unusual fingerprints may not be recognised.
- Keep the door open while you register or change the security code to prevent yourself from accidentally getting locked out.



- Make sure to keep your security code secret, especially in supervisor mode. Damages caused by security code exposure are the liability of the use. Do not forget the Security Code if you are using Supervisor Mode.

## Note

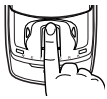
- Set a security code of 4 to 12 digits.
  (*) and (#) button can not be used.



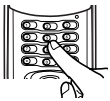
(4 - 12 digits)

oooo ~ ooooooooooo

- The old code is automatically deleted when registering a new code.
- If incorrect codes are entered 5 times in a row all functions shut down for about 3 minutes. Press [open/close] button on the main body or just wait for 3 minutes to resume the operation.
- You may use either the security code or a fingerprint to gain access.

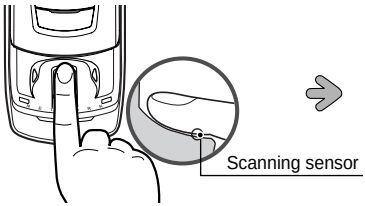


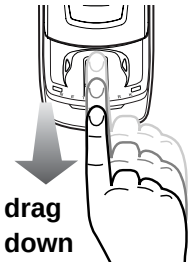
Fingerprint



Security code

- After LED is on, place the first finger knuckle right on the scanning sensor and drag your finger down according to the drawing below.



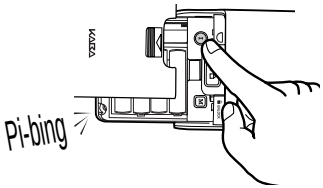




- Put the finger on the center of the scanner.
- Do not put finger on the edge of the scanner.
- Place finger flat with firm pressure to give the best image.

# 5 Standard Mode

## 01 Registering Security Code

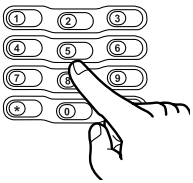
### ❶ Press (I) button




**Caution**

If it takes too long (over 7 seconds) to enter the code after pressing (I) button, the code will not be registered.

### ❷ Enter your new Security code

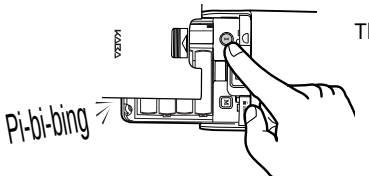


Enter the code you wish to register (4 to 12 digits)

**Caution**

(*) and (#) buttons can not be used for security code.

### ❸ Press (I) button




The registration is complete with a “pi-bi-bing” sound.

### ❹ Check your security code

Once registration is complete, make sure to open the lock with your new security code.

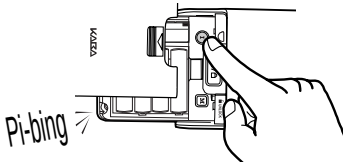
**Opening the door with your code**
Open [keypad cover] ⇨ Enter code ⇨ Close [keypad cover]

**Note**

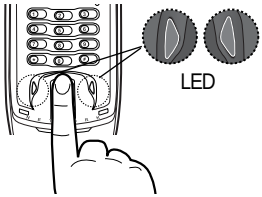
If lights are not turned on with the [keypad cover] open, press the (*) button.

# 02 Registering Fingerprint

## ❶ Press (I) button



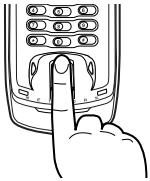

## ❷ Enter the fingerprint - first time




After the LED turns on, enter your fingerprint on the scanner once. Place your finger the whole way into the slot and then drag your finger down over the scanner.

- Successful registration:
  A "pik-pi-ping" sound will be heard
- Registration failure:
  A "ti-to-ti-to-ti-to" sound will be heard

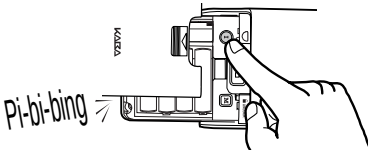
## ❸ Enter the fingerprint - second time



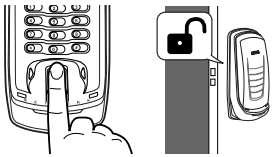
After the LED turns on, enter your fingerprint again to confirm it. Repeat ❷, ❸ step to register another fingerprints.

- **Successful registration:**
  **A "pik-pi-ping" sound will be heard**
- **Registration failure:**
  **A "ti-to-ti-to-ti-to" sound will be heard**

## ❹ Press (I) button




## ❺ Confirm registration



Open [keypad cover] and enter the fingerprint on the scanner after LED turns on.

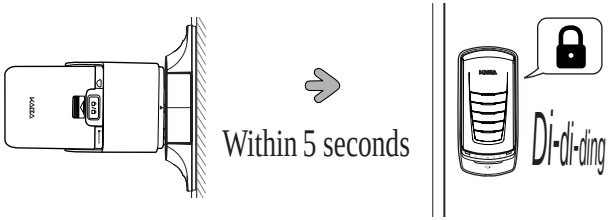
**Note**

If lights are not turned on with the [keypad cover] open, press the (*) button

# 03 Locking the door from the Inside

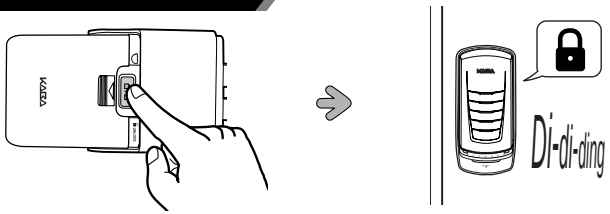
## Automatic lock mode

Automatic lock mode has a sensor which detects the door closing and automatically locks the door within 5 seconds.



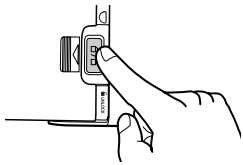

## Manual lock mode

Manual lock mode requires you to manually lock the door.
Press [open/close] button on the Back body.

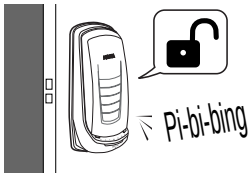



# 04 Unlocking the door from the Inside

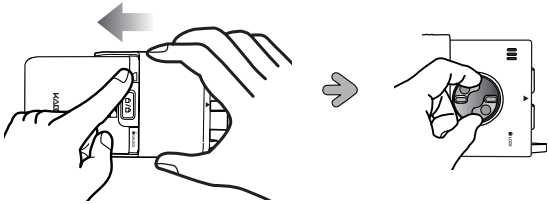
❶ **Press [open/close] button on the Back body.**



❷ **The lock sounds to confirm it is unlocked.**




※ Opening the lock with the [manual knob] on the Back body will sound the break-in alarm. It can be used in case of emergency.



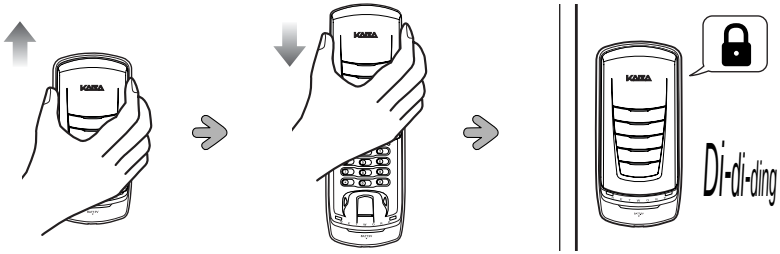
# 05 Locking the door from the Outside

## Automatic lock mode

The automatic lock sensor detects the door closing and locks the door within 5 seconds.

## Manual lock mode

The door locks when you slide [keypad cover] up and back down again.




**Note**

If the [keypad cover] is open and the LED is not turned on, press (*) button to lock the door.

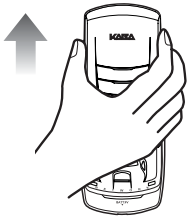
**Caution**

As the automatic lock function is disabled in manual lock mode, make sure to check that the door is securely locked when leaving the premises.

# 06 Unlocking the door from the Outside

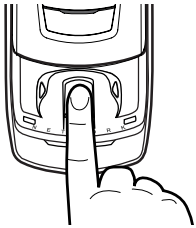
## Unlocking the door with fingerprint

### ❶ Slide up [keypad cover]

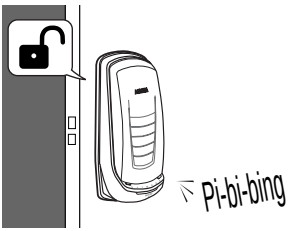


Press (*) button if LED is not on.

### ❷ Enter the fingerprint



### ❸ Close down [keypad cover]

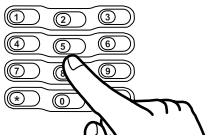



Confirms it is unlocked with a "pi-bi-bing" sound.

## Unlocking the door with security code

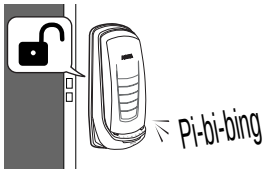
**1 Slide up [keypad cover] all the way up**

**2 Enter the security code**



**3 Close down [keypad cover]**

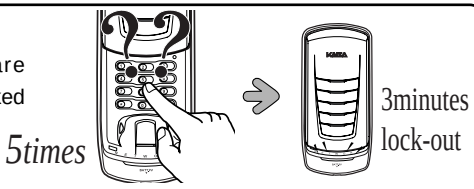
Confirms it is unlocked with a “pi-bi-bing” sound.



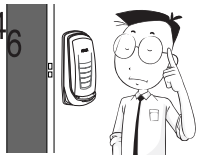
If the LED is not turned on with [keypad cover] up, press (*) button to turn on the LED. After entering the code press (*) button again or slide [keypad cover] down.

### Caution

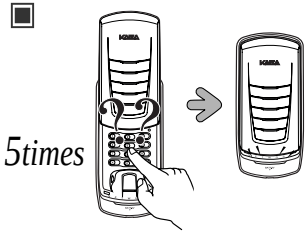
If incorrect security codes are entered 5 times in a row it is locked out for about 3 minutes.



## Caution




Make sure to keep your code secret, as damages caused by code exposure are the liability of the user.




If incorrect security codes or unregistered fingerprints are attempted 5 times in a row, the LED blinks blue and it is locked out for about 3 minutes.

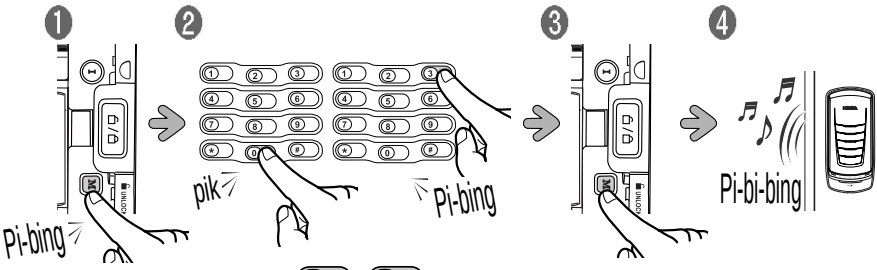
- Resume the operation after 3 minutes.
- If you press [open/close] button on the Back body it resumes the operation at once.

Make sure that the user registers the security code at the time of installation. Do not let anyone register the security code on your behalf.

# 07 Automatic / Manual Lock Mode

EF220 has an automatic sensor which detects the door closing and automatically locks the door in 5 seconds. Automatic lock mode is a factory default setting.

## Setting it on manual lock mode



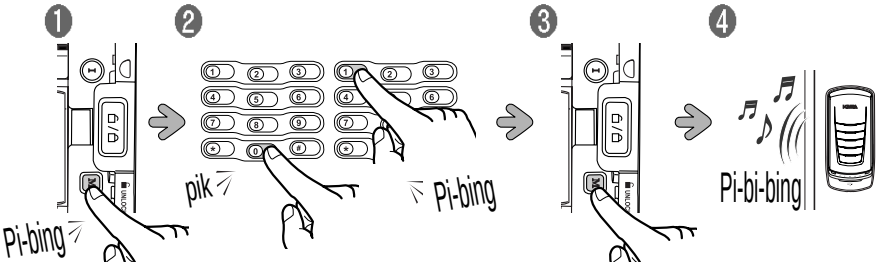

Press [M] (menu) button

Press [0], [3] buttons on the keypad

Press [M] (menu) button

Complete

## Setting it on automatic lock mode




Press [M] (menu) button

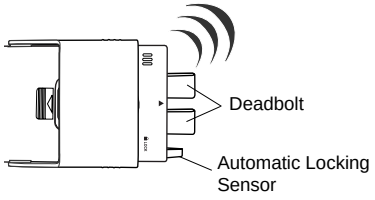
Press [0], [1] buttons on the keypad

Press [M] (menu) button

Complete

## Caution

If you touch the automatic locking sensor with the deadbolt extended, it raises the break-in alarm.



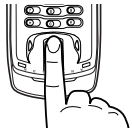
# 08 Externally activated Forced Lock

- In Externally activated Forced Lock mode, the door cannot be unlocked from the inside. It is useful to prevent a break-in in case of long absence of the users from the premis. In case of emergency it is possible to use the manual unlock knob to exit but it will trigger the break-in alarm.
- Replacing the batteries (power off) does not turn this mode off.

## Setting it on external forced lock mode with fingerprint

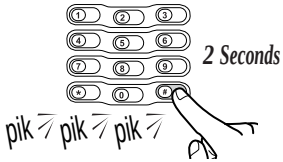
### ❶ Slide up [keypad cover]

### ❷ Enter the fingerprint



### ❸ Press and hold (#) button

Press and hold (#) button for about 2 seconds until you hear 3 beeps.

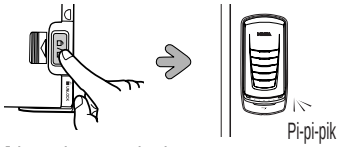



### ❹ Close down [keypad cover]

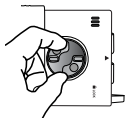
The deadbolt is extended and External Forced Lock mode is activated.

## ⚠ Caution

- It sounds warning beeps if you press the [open/close] button on the Back body in external forced lock mode.



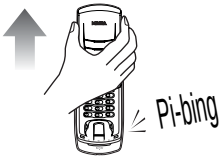

- Remove [safety cap] and turn [manual knob] in order to unlock from the inside. It triggers the alarm when unlocking with the [manual knob].



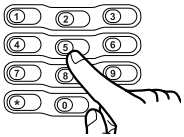
- In order to turn the alarm off you have 3 options:
  - ※ enter your registered fingerprint, or
  - ※ enter the registered security code, or
  - ※ press and hold [open/close] button for 5 seconds.

## Setting it on external forced lock mode with security code

### ❶ Slide up [keypad cover]

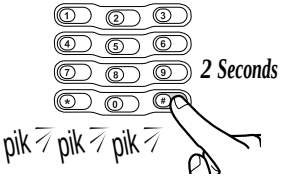



### ❷ Enter the security code



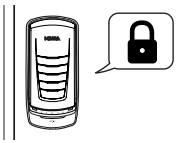
### ❸ Press and hold (#) button

Press and hold (#) button for about 2 seconds until you hear 3 beeps.



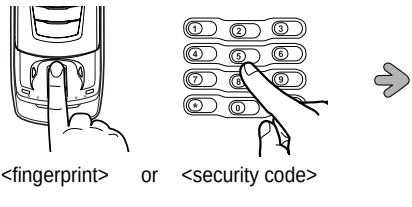

### ❹ Close down [keypad cover]

Complete



## Setting it off external forced lock mode

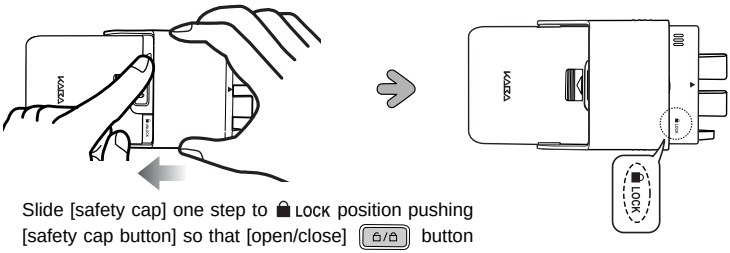
Properly unlocking the lock with a registered fingerprint or the security code will turn external forced lock off.



# 09 Internally activated Forced Lock

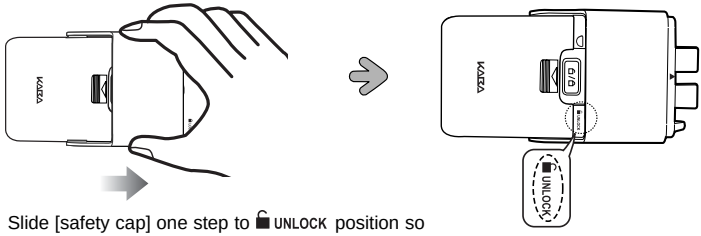
Internally activated Forced Lock mode makes neither fingerprint or security code work from outside.
This feature enhances the level of security when all users are inside of the presmises.

## Setting it on internal forced lock mode




Slide [safety cap] one step to LOCK position pushing [safety cap button] so that [open/close] button will be covered by [safety cap].

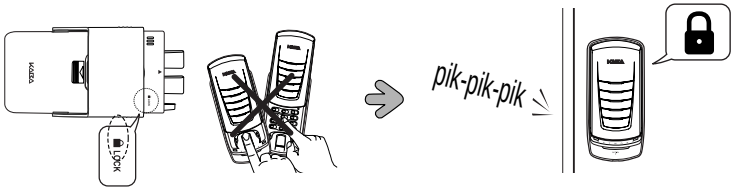
## Setting it off internal forced lock mode



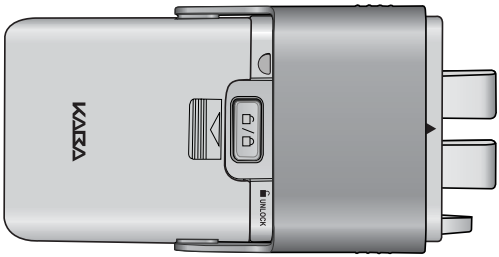

Slide [safety cap] one step to UNLOCK position so that you can see [open/close] button.

**Note**

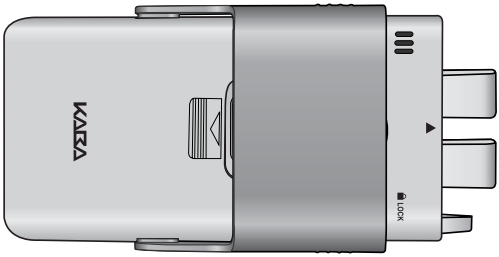
- The keypad and fingerprints will not function from the outside in internal forced lock mode. It sounds warning beeps if you slide the [keypad cover] up.



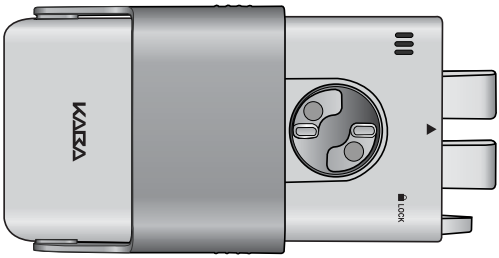
## ■ 3 Steps locking mode




- **Normal Operation** : Unlocked by [open/close] button.



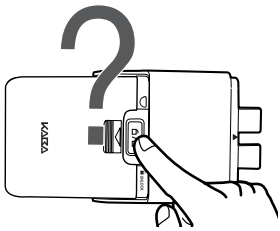

- **Internal Forced Lock** : Cannot be opened from the outside.
  It raises the alarm if fingerprint and/or security code is attempted.



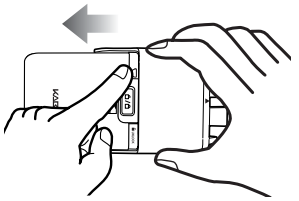

- **Manual Knob Unlock** : Unlocked by [manual knob] in case of emergency.

# 10 Using Manual Knob in Emergency

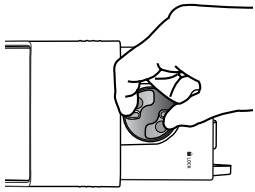
In case you cannot open the lock with [open/close] button.



1. Slide [safety cap] to the side pushing [safety cap button] to reveal [manual knob].

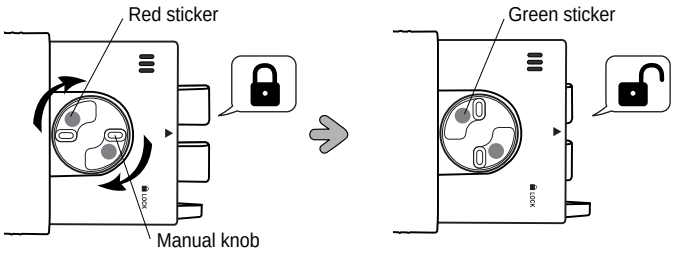


2. Turn [manual knob] to open the lock.



**Note**

※ Unlocking with [manual knob]




Turn [manual knob] in a clockwise direction.

## ⚠ Caution

It raises the alarm when you open the door after unlocking the lock with the [manual knob].

In order to turn the alarm off either :

※ enter your registered fingerprint,or

※ enter the registered security code,or

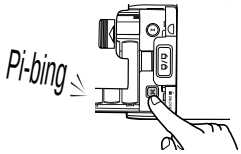
※ press and hold [open/close] button for 5 seconds.

# 11 Etiquette Mode

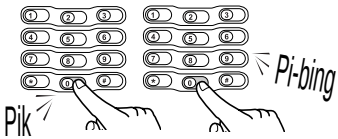
This function removes the normal operating sounds so that the door can be opened and closed without disturbing others. Etiquette mode is switched off upon shipping.

## Setting Etiquette mode On

**1 Press [menu] [M] button**

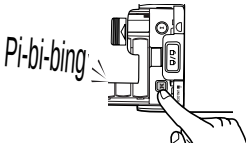



**2 Press [0], [0] buttons**




**3 Press [menu] [M] button**

It is set on with “pi-bi-bing” sound.




**Confirm the Etiquette mode is set**

## Setting Etiquette mode Off

Repeat the above procedure to set the etiquette mode off. It is set off with ‘pi-bi-bing’ sound.

**Note**

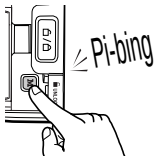
- Functions silent in etiquette mode: [open/close] button, fingerprint scanning, [keypad cover] sliding up, keypad buttons, deadbolt activation.
- Functions that sound in etiquette mode: Error sounds, break-in alarm, [register] button, [menu] button, programing buttons.

# 12 Break-in / Damage Alarm

## Setting it on alarm length

The function allows the user to set the length of time the break-in and damage alarm will sound. The alarm length can be set to 3, 10, or 30 minutes. The factory default setting is 30 minutes. Replacing the batteries (power-off) does not change the mode setting.

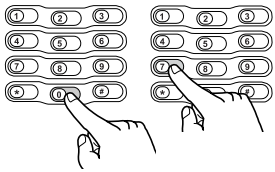
**1 Press [menu] (M) button**




**2 Press the keypad number that corresponds to the alarm length you wish to set**

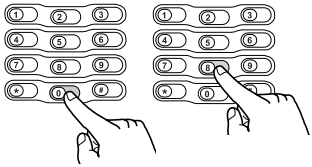
**To set to 3 minutes**

Press (0), (7) buttons.



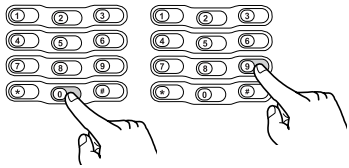
**To set to 10 minutes**

Press (0), (8) buttons.

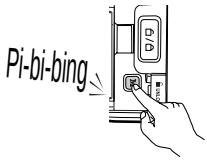


**To set to 30 minutes**

Press (0), (9) buttons.



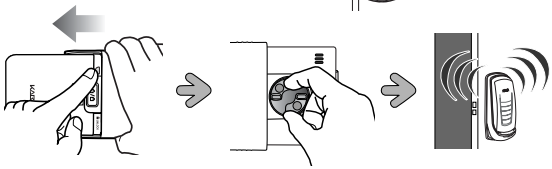
**3 Press [menu] (M) button**



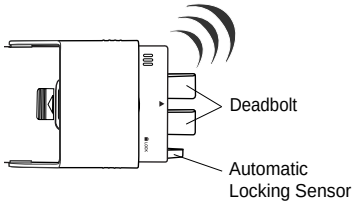
## Break-in alarm

- If the lock is forced to open in an abnormal way the break-in alarm is triggered.

- It sounds the alarm if you open the lock with the [manual knob] while the door is closed.

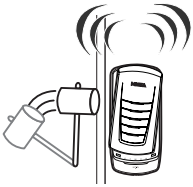


- It sounds the alarm if you touch the [automatic locking sensor] with the deadbolt extended.




## Damage alarm

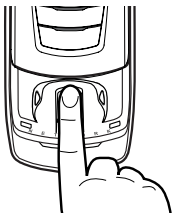
- If the lock is damaged on the outside the damage alarm is triggered.



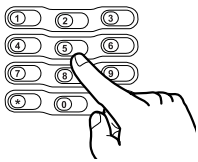
## Turning the alarm off

- There are three ways available to turn off the alarm.

### ▣ Enter a registered fingerprint

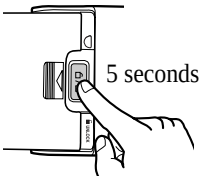


### ▣ Enter the registered security code



① Slide [keypad cover] up
② Enter the registered code
③ Slide [keypad cover] down

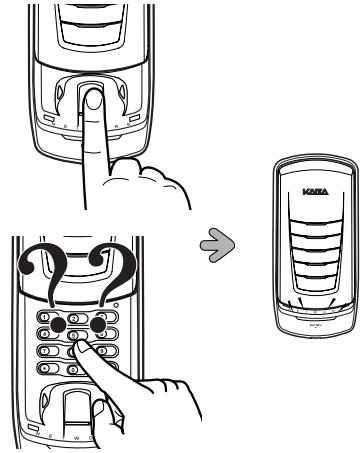
### ▣ Press the [open/close] button




Press [open/close] button for 5 seconds until the alarm stops.

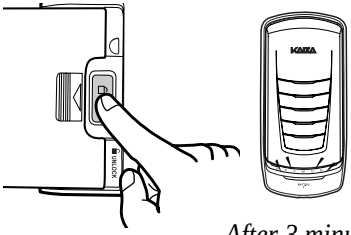
# 13 Wrong-try Lock-out (3minutes)

No keypad function is available during this wrong-try lock-out penalty time. The break-in and damage alarm works regardless of this function.



*5 times*

- If incorrect security codes or unregistered fingerprints are attempted 5 times in a row, it is locked out for about 3 minutes.



*After 3 minutes*

- Resume the operation after 3 minutes. If you press [open/close] button on the Back body it resumes the operation at once.

# 6 Supervisor Mode

## 01 Switching to Supervisor Mode

- WARNING
  Supervisor Mode is for experienced users only.
  If the Security Code is forgotten the lock will need to be drilled.
  DO NOT LOOSE YOUR SECURITY CODE IN THIS MODE.

| Standard ➔ Supervisor mode | Supervisor ➔ Standard mode |
|---|---|
| ❶ Enter the security code | ❶ Enter the security code |
| ❷ Press [menu] button | ❷ Press [menu] button |
| ❸ Press (1), (1) buttons | ❸ Press (1), (3) buttons |
| ❹ Press [menu] button | ❹ Press [menu] button |

### ⚠ Caution

- Security code in standard mode must be registered first in order to switch to supervisor mode.
- Security code should be changed when switching standard mode to supervisor mode.
- Switching modes deletes all of the previously registered fingerprints.
- It is recommended to make a list of fingerprint number (01~40) for individual fingerprint deletion.

## 02 Registering Security Code

❶ Slide [keypad cover] up
❷ Enter the current security code
❸ Press ⓘ button
❹ Enter the new security code (4 to 12 digits)
❺ Press ⓘ button

- If you cancel the registration of new code the current code is kept on.
- It makes an error sound if you do not press ⓘ button in 7 seconds after entering new code.

## 03 Registering/Deleting Fingerprint

| Individual registration | Individual deletion | Mass deletion |
|---|---|---|
| ❶ Enter the security code<br>❷ Press ⓘ button<br>❸ Enter the new fingerprint number, you may use numbers 01 to 40<br>❹ Press (#) button<br>❺ Enter the fingerprint<br>❻ Enter the fingerprint again<br>❼ Repeat ❸ to ❻ steps to add the fingerprints<br>❽ Press ⓘ button | ❶ Enter the security code<br>❷ Press ⓘ button<br>❸ Enter the fingerprint number you wish to delete<br>❹ Press (#) button<br>❺ Press ⓘ button | ❶ Enter the security code<br>❷ Press ⓘ button<br>❸ Press (*) button<br>❹ Press ⓘ button |

- Keep a record of each person's fingerprint number 01 to 40 in this User Manual so you can individually add and delete people when necessary.

## 04 Unlocking the door with Security Code

❶ Slide [keypad cover] up
❷ Enter the security code
❸ Slide [keypad cover] down

## 05 Unlocking the door with Fingerprint

❶ Slide [keypad cover] up
❷ Enter the fingerprint
❸ Slide [keypad cover] down

## 06 External Forced Lock

| Setting it on with fingerprint | Setting it on with security code | Turning it off |
|---|---|---|
| ❶ Enter the fingerprint<br>❷ Press and hold (#) button. It is locked after 3 beeps. | ❶ Enter the security code<br>❷ Press and hold (#) button. It is locked after 3 beeps | It can be unlocked with the fingerprint or the security code as usual. |

## 07 Etiquette Mode

❶ Enter the security code
❷ Press [menu] Ⓜ button
❸ Press (0), (0) buttons
❹ Press [menu] Ⓜ button

※Repeat the above steps to turn the etiquette mode on and off.

## 08 Setting Alarm Length

❶ Enter the security code
❷ Press [menu] Ⓜ button
❸ Press the keypad number according to your desired setting
Press (0), (7) buttons ⇒ Set to 3 minutes
Press (0), (8) buttons ⇒ Set to 10 minutes
Press (0), (9) buttons ⇒ Set to 30 minutes
❹ Press [menu] Ⓜ button

# Fingerprints Registration List (Supervisor Mode Only)

## ⚠ Caution

- Supervisor mode is for experienced users only.
- If the Security Code is forgotten the lock will need to be drilled.

| Fingerprint No. | User Name | Fingerprint position | |
|---|---|---|---|
| | | Left hand | Right hand |
| 01 | | | |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |
| 17 | | | |
| 18 | | | |
| 19 | | | |
| 20 | | | |

## ⚠ Caution

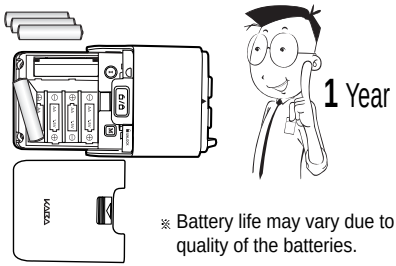
- Supervisor mode is for experienced users only.
- If the Security Code is forgotten the lock will need to be drilled.

| Fingerprint No. | User Name | Fingerprint position | |
|---|---|---|---|
| | | Left hand | Right hand |
| 21 | | ○○○◯◯ | ◯◯○○○ |
| 22 | | ○○○◯◯ | ◯◯○○○ |
| 23 | | ○○○◯◯ | ◯◯○○○ |
| 24 | | ○○○◯◯ | ◯◯○○○ |
| 25 | | ○○○◯◯ | ◯◯○○○ |
| 26 | | ○○○◯◯ | ◯◯○○○ |
| 27 | | ○○○◯◯ | ◯◯○○○ |
| 28 | | ○○○◯◯ | ◯◯○○○ |
| 29 | | ○○○◯◯ | ◯◯○○○ |
| 30 | | ○○○◯◯ | ◯◯○○○ |
| 31 | | ○○○◯◯ | ◯◯○○○ |
| 32 | | ○○○◯◯ | ◯◯○○○ |
| 33 | | ○○○◯◯ | ◯◯○○○ |
| 34 | | ○○○◯◯ | ◯◯○○○ |
| 35 | | ○○○◯◯ | ◯◯○○○ |
| 36 | | ○○○◯◯ | ◯◯○○○ |
| 37 | | ○○○◯◯ | ◯◯○○○ |
| 38 | | ○○○◯◯ | ◯◯○○○ |
| 39 | | ○○○◯◯ | ◯◯○○○ |
| 40 | | ○○○◯◯ | ◯◯○○○ |

# 8 Cautions

## Battery use

This product uses 4 1.5V alkaline AA batteries which can be used for approximately one year on the condition of 10 open/close cycles per day.

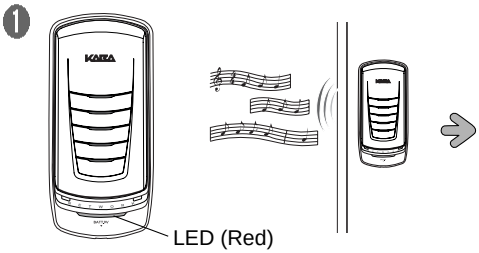


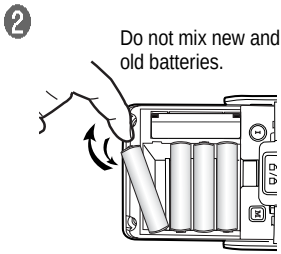

1.5V AA size alkaline battery

※ Battery life may vary due to temperature, moisture, frequency of use and the quality of the batteries.

## Battery replacement warning

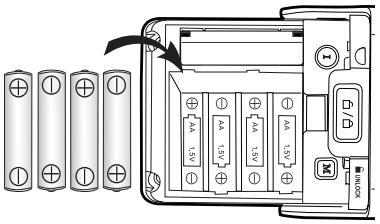
Replace all 4 batteries when a low battery warning melody rings and the LED turns red.



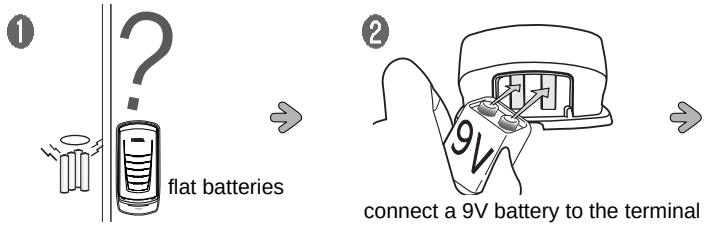

## ⚠ Caution

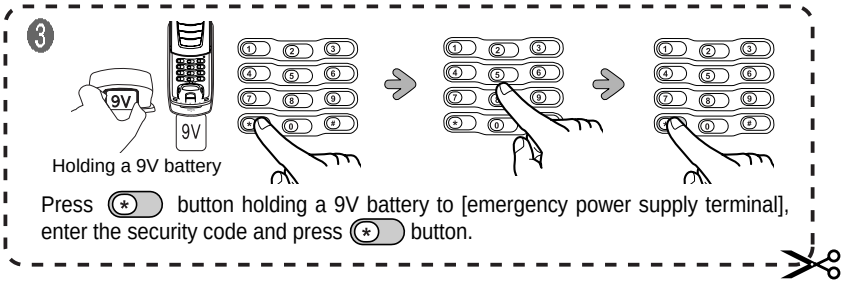
- Always check + and - directions when inserting batteries.
- Use authentic alkaline batteries. It is the user's responsibility for damage caused by using unauthentic batteries.

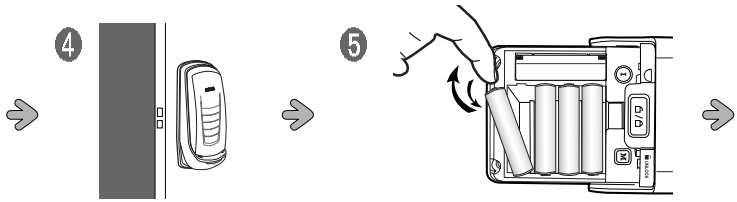


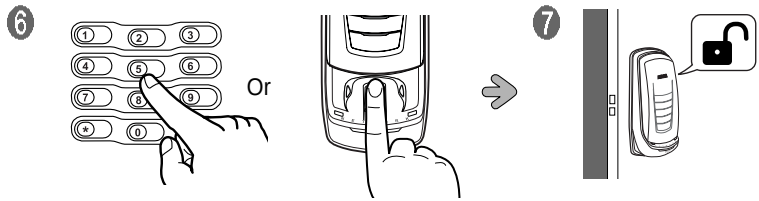
## Emergency power supply

In case the batteries are completely discharged a 9V battery can be used to supply an electronic charge to the unit. Unlock with the card key or security code while contacting a **9V battery** to the Emergency Power Supply Terminal. Flat batteries should be replaced at once.





3
9V
9V
Holding a 9V battery
Press (*) button holding a 9V battery to [emergency power supply terminal], enter the security code and press (*) button.



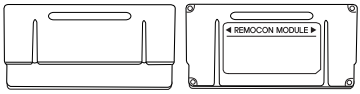

Confirm the door will open with the card key and security code after replacing all batteries.

# 9 Option

(May not be available depending on your country or local dealer.)

## 01 Remote Control Module

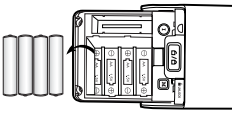
The Remote Control Module should be installed in advance in order to use the Remote Control. Open [battery cover] and insert the module into the slot. Proper functioning of the module can be checked by operating a remote control.



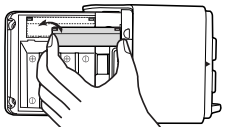

- Remote control module(RX module)
  : Required for the use of remote control

### Installing Remote control module

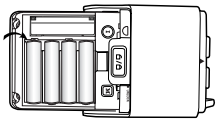
**1 Open [battery cover] and remove all of the batteries.**



**2 Insert the Remote control module into the slot.**

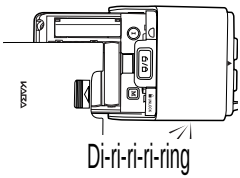


**3 Put the batteries back checking the + and - directions.**



**Confirming**

It is properly installed with “di-ri-ri-ri-ring” sound.



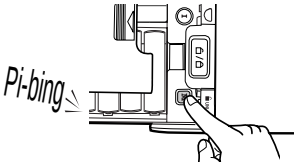
# 02 Remote Control

The remote control is an FM frequency (FSK) type that uses Floating ID encoding system, which changes the wireless code each time you use the remote control, so that there is no risk of hacking. It is non-directional and the operational range is up to 10~20m. The photo frame design allows you to create different atmospheres by putting in a photo and hanging the remote control on the wall.

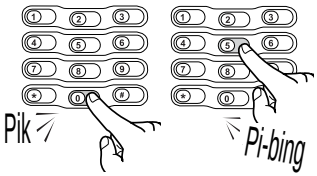
※***Caution!*** The operational range may vary depending on the installation environment. Re-registration of another remote control automatically deletes the previous registered remote controls.

## Registering the remote control

**1 Press [menu] [M] button**

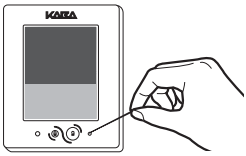



**2 Press [0], [5] buttons**

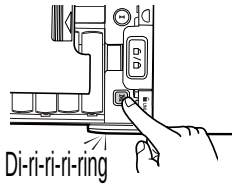



**3 Press [ID register] button located on the front of the remote control with a pin**

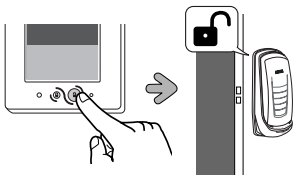
You can register up to 5 remote controls consecutively. In order to register consecutively, press [ID register] button on the remote control with 10 seconds intervals. Remote control is registered with a 'beep' sound.



**4 Press [menu] [M] button**

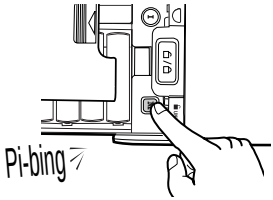



**5 Press [open] or [close] button to check the operation.**

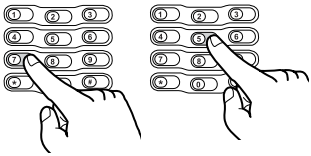


## Deleting the remote control registration

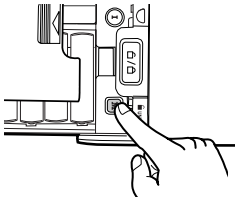
**1 Press [menu] (M) button**




**2 Press (7), (5) buttons**

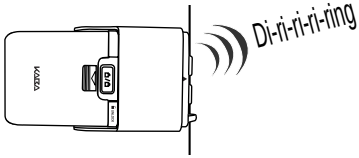


**3 Press [menu] (M) button**



**4 Deleting remote control registration**

Remote control registration is cancelled with “di-ri-ri-ring” sound.



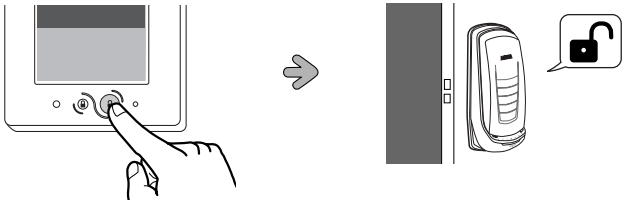

## Registering / Deleting the remote control in supervisor mode

| Registration | Individual deletion | Mass deletion |
|---|---|---|
| 1 Enter the code<br>2 Press (I) button<br>3 Enter the remote control number among 90,91,92,93, 94 (up to 5 can be registered)<br>4 Press (#) button<br>5 Press [ID register] button on the remote control<br>6 Repeat 3 ~ 5 stepts with 10 seconds intervals to add the remote controls<br>7 Press (I) button | 1 Enter the code<br>2 Press (I) button<br>3 Enter the remote control number you wish to delete<br>4 Press (#) button<br>5 Press (I) button | 1 Enter the code<br>2 Press (I) button<br>3 Press (*) button<br>4 Press (I) button |

## How to use the remote control

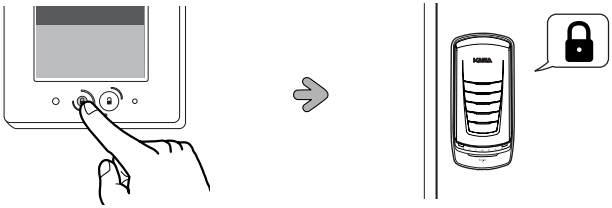
### Unlocking the door

Press [open] button, and it will unlock within 2~3 seconds.



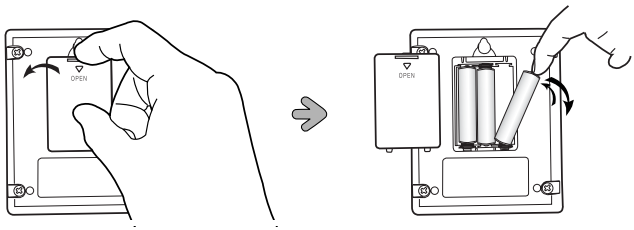
### Locking the door

Press [close] button, and it will lock within 2~3 seconds.



### Changing the batteries

Open [battery cover] on the back of the remote control and change the batteries.



**AUSTRALIA**
Kaba Australia Pty Limited
Unit 4, 42-44 Redfern Street,
Wetherill Park, NSW 2164
Tel: +61 2 8787 4777
Fax: +61 2 9609 6610

**MALAYSIA**
Kaba Jaya Security Sdn. Bhd.
No. 9, Jalan Pengacara U1/48
Temasya Industrial Park
40150 Shah Alam
Selangor Darul Ehsan
Tel: +60 3 5569 8188
Fax: +60 3 5569 8088

**NEW ZEALAND**
Kaba New Zealand Limited
Unit A/39A Sir William Avenue
East Tamaki, Auckland
Tel: +64 9 274 3341
Fax: +64 9 274 3301

**HONG KONG**
KABA Limited
2108 Futura Plaza
111-113 How Ming Street
Kwun Tong, Kowloon, Hong Kong
Tel: +852 2375 6110
Fax: +852 2406 2602

**MACAU**
Toll Free Number: +0800 348

Ver. PMU-0801-02